

What is claimed is:

1. A printing apparatus comprising:

a plurality of print heads;

5 a moving member that can be moved and that is provided with said plurality of print heads; and

a feed mechanism for feeding a medium to be printed;

wherein dots for correcting a feed amount by which said feed mechanism feeds said medium to be printed are formed on said medium
10 to be printed by ejecting ink from a predetermined print head, among said plurality of print heads, while moving said moving member, and

wherein said predetermined print head is a print head other than the print head, among said plurality of print heads, that
15 is the most susceptible to vibration caused by moving said moving member.

2. A printing apparatus according to claim 1,

wherein said predetermined print head is the print head,
20 among said plurality of print heads, that is the least susceptible to the vibration caused by moving said moving member.

3. A printing apparatus according to claim 1, further comprising:

25 a drive member that is connected to said moving member and that is for driving said moving member;

wherein said predetermined print head is the print head that is located the closest to a connecting section at which said moving member and said drive member are connected to each other.

4. A printing apparatus according to claim 3,

wherein the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed are formed on both edge sections of said medium to be printed by ejecting
5 ink from said predetermined print head, among said plurality of print heads, while moving said moving member.

5. A printing apparatus according to claim 1,

wherein the dots for correcting the feed amount by which
10 said feed mechanism feeds said medium to be printed are formed on said medium to be printed by ejecting ink from predetermined nozzles provided in said predetermined print head.

6. A printing apparatus according to claim 1, further
15 comprising:

a support member for supporting said medium to be printed;

a suction member for sucking said medium to be printed toward said support member; and

a first detector for detecting a force by which said suction
20 member sucks said medium to be printed;

wherein whether or not to form, on said medium to be printed, the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed is determined according
an output value of said first detector.

25

7. A printing apparatus according to claim 1,

wherein whether or not to form, on said medium to be printed, the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed is determined according
30 at least one of

a value of a temperature around said printing apparatus and

a value of a humidity around said printing apparatus.

5 8. A printing apparatus according to claim 1,
wherein the dots for correcting the feed amount by which
said feed mechanism feeds said medium to be printed are formed
on said medium to be printed when power is supplied to said printing
apparatus.

10

9. A printing apparatus according to claim 1,
wherein the dots for correcting the feed amount by which
said feed mechanism feeds said medium to be printed are formed
on said medium to be printed during a printing operation of said
15 printing apparatus.

10. A printing apparatus according to claim 1,
wherein the dots for correcting the feed amount by which
said feed mechanism feeds said medium to be printed are formed
20 on said medium to be printed when said medium to be printed has
been exchanged.

11. A printing apparatus according to claim 10, further
comprising:

25 a second detector for detecting whether or not said medium
to be printed has been exchanged;

wherein when it has been detected by said second detector
that said medium to be printed has been exchanged, the dots for
correcting the feed amount by which said feed mechanism feeds said
30 medium to be printed are formed on said medium to be printed.

12. A printing apparatus according to claim 1,

wherein the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed are formed on said medium to be printed when a print mode of said printing apparatus has been changed.

13. A printing apparatus according to claim 1,

wherein at least two correction amounts for correcting the feed amount by which said feed mechanism feeds said medium to be printed are obtained based on said dots formed on said medium to be printed, and

wherein, based on an average value of said correction amounts that are obtained, the feed amount by which said feed mechanism feeds said medium to be printed is corrected.

14. A printing apparatus comprising:

a plurality of print heads;

a moving member that can be moved and that is provided with said plurality of print heads; and

a feed mechanism for feeding a medium to be printed;

wherein dots for correcting a feed amount by which said feed mechanism feeds said medium to be printed are formed on both edge sections of said medium to be printed by ejecting ink from a predetermined print head, among said plurality of print heads, while moving said moving member;

wherein said predetermined print head is the print head, among said plurality of print heads, that is the least susceptible to vibration caused by moving said moving member;

wherein said printing apparatus further comprises a drive

member that is connected to said moving member and that is for driving said moving member;

wherein said predetermined print head is the print head that is located the closest to a connecting section at which said moving member and said drive member are connected to each other;

wherein said printing apparatus further comprises:

a support member for supporting said medium to be printed;

a suction member for sucking said medium to be printed toward said support member; and

a detector for detecting a force by which said suction member sucks said medium to be printed;

wherein whether or not to form, on said medium to be printed, the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed is determined according an output value of said detector; and

wherein whether or not to form, on said medium to be printed, the dots for correcting the feed amount by which said feed mechanism feeds said medium to be printed is determined according at least one of

a value of a temperature around said printing apparatus and

a value of a humidity around said printing apparatus.